

Converting Colors

YIQ(151.3400, -23.8440,
13.6280)

Have a look what the booklet for
YIQ(151.3400, -23.8440, 13.6280)
contains.

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Color

**YIQ(151.3400, -23.8440,
13.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	8995C9
RGB	137, 149, 201
RGB Percent	54%, 58%, 79%
CMY	0.4627, 0.4157, 0.2119
CMYK	0.32, 0.26, 0.00, 0.21
HSL	229°, 37%, 66%
HSV	229°, 32%, 79%
XYZ	31.6035, 31.0304, 59.5609
YIQ	151.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

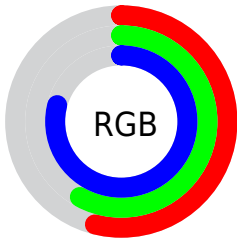
Format	Color
RYB	137, 147, 201
Decimal	9016777
CIELab	62.53, 7.89, -28.17
CIELCh	63, 29.249, 285.644
Yxy	31.0304, 0.2586, 0.2539
Android (android.graphics.Color)	4287206857 (0xFF8995C9)
YUV	151.3400, 24.4824, -12.5762
Hunter-Lab	55.7049, 3.7861, -24.4007

Details

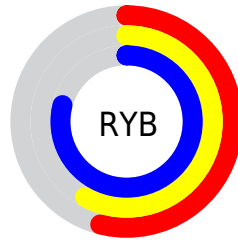
The YIQ color $151.3400, -23.8440, 13.6280$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $186.6600, 23.8440, -13.6280$, and the grayscale version is $151.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $205.6390, -23.2480, 13.8400$, and $99.6990, -23.4770, 12.4830$ is the 20% darker color. If you saturate the color by 10%, you get $135.9680, -31.3640, 17.7560$, and if you desaturate by 10%, it is $166.7120, -16.3240, 9.5000$.

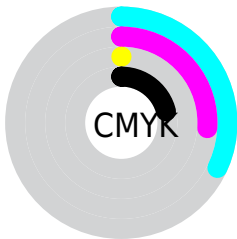
Distribution



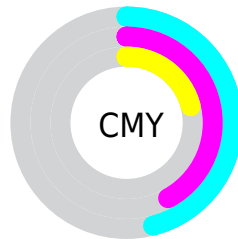
- Red (54%)
- Green (58%)
- Blue (79%)



- Red (54%)
- Yellow (58%)
- Blue (79%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3400, -23.8440, 13.6280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 151.3400, -23.8440, 13.6280 by changing the saturation by 10% instead.

■ 151.3400,
-23.8440, 13.6280

■ 151.3400,
-23.8440, 13.6280

■ 255.0000, -0.0000,
-0.0000

■ 125.1120,
-23.2020, 13.0060

■ 205.6390,
-23.2480, 13.8400

■ 99.6990, -23.4770,
12.4830

■ 230.4470,
-14.2600, 5.1320

■ 75.7590, -23.7060,
11.1260

■ 253.2060, -3.5760,
-1.2720

■ 51.6340, -24.8520,
9.8680

■ 27.3020, -29.8490,
6.8150

■ 9.6950, -17.6540,
11.5780

■ 3.7790, -9.2630,

8.1850

■ 0.0000, 0.0000,
0.0000

■ 151.3400,
-23.8440, 13.6280

■ 151.3400,
-23.8440, 13.6280

■ 135.9680,
-31.3640, 17.7560

■ 166.7120,
-16.3240, 9.5000

■ 120.0090,
-38.6090, 22.4070

■ 182.6710, -9.0790,
4.8490

■ 104.6370,
-46.1290, 26.5350

■ 198.0430, -1.5590,
0.7210

■ 89.2650, -53.6490,
30.6630

■ 213.4150, 5.9610,
-3.4070

■ 73.3060, -60.8940,
35.3140

■ 229.3740, 13.2060,
-8.0580

■ 57.6350, -69.0100,
39.2300

■ 244.1480, 19.5340,
-12.6100

■ 45.2200, -74.9710,
42.6370

■ 248.8440, 17.3340,
-16.7940

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144.0760, -49.8840, 0.9640



151.3400, -23.8440, 13.6280



155.0400, 3.6640, 21.7120

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



151.3400, -23.8440, 13.6280



152.4320, 42.8220, 5.8780



140.8780, -32.7320, -23.5480

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



151.3400, -23.8440, 13.6280



186.6600, 23.8440, -13.6280

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



145.1770, -5.7730, -22.0370



151.3400, -23.8440, 13.6280



150.4490, 34.9840, -6.2640

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



151.3400, -23.8440, 13.6280



153.9130, 40.3900, 16.9180



148.2570, 17.6090, -16.2710



136.1820, -56.8950, -20.6630

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.3400, -23.8440, 13.6280



155.1790, 19.3900, 23.0540



148.2570, 17.6090, -16.2710



142.6680, -23.3330, -23.1810

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



151.3400, -23.8440, 13.6280



235.1980, -9.1250, 5.6830



180.3820, -33.9710, -17.6110



115.5850, -5.9610, 3.4070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.3400, -23.8440, 13.6280



179.6240, -36.0870, 20.7530



149.9770, -9.2200, 23.9320



91.6130, -3.1640, 2.2760



36.7790, -60.8480, 34.4800



8.2130, -13.4810, 7.5350

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



157.5040, 34.2920, 17.3000



189.0550, 52.0340, 26.1620



188.0230, 9.2200, -23.9320



92.8050, 5.0430, 2.2190



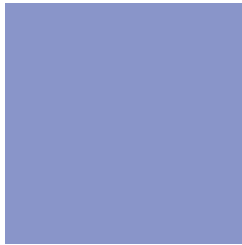
52.2710, 87.1970, 44.1970



11.5620, 19.2090, 9.8090

Previews

White Background



This preview shows how the YIQ color 151.3400, -23.8440, 13.6280 looks on a white background.

Color Contrast Check

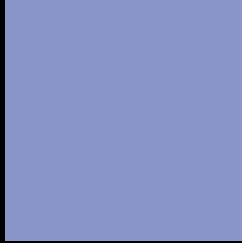
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 151.3400, -23.8440, 13.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

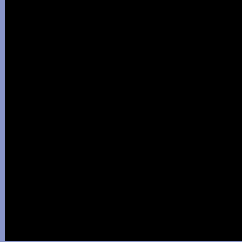
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 151.3400, -23.8440, 13.6280

Background



This preview shows how black text looks on a background with the YIQ color 151.3400, -23.8440, 13.6280.



This preview shows how white text looks on a background with the YIQ color 151.3400, -23.8440,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

151.3400, -23.8440, 13.6280

Protanopia

151.3400, -23.8440, 13.6280

Deuteranopia

151.6390, -23.2480, 13.8400



Tritanopia

149.0070, -19.0730, -1.2570

Trichromacy



Original Color

151.3400, -23.8440, 13.6280

Protanomaly

151.3400, -23.8440, 13.6280

Deuteranomaly

151.6390, -23.2480, 13.8400

Tritanomaly

150.0980, -20.5870, 4.1570

Monochromacy



Original Color

151.3400, -23.8440, 13.6280

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9700, -8.4830, 5.0610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3400, -23.8440, 13.6280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(137, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(137, 149, 201)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(137, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 149, 201) }
```

Border

The CSS property to change the border of an element to YIQ 151.3400, -23.8440, 13.6280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 149, 201) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(137, 149, 201) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(137, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(137, 149,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3400, -23.8440, 13.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 149, 201) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(137,  
149, 201) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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